Bankot(M.); rare. 1309A.

Frts.: Sept.

Illus.: Matthew, Illus. Fl. Tamilnadu Carn. t.356. 1982.

Blumea DC.(nom.cons.)

1. Leaves densely tomentose beneath:
   2. Involucral bracts up to 1.0 cm long .. B. hieracifolia
   2. Involucral bracts up to 0.7 cm long:
      3. Plants densely woolly all over. .. B. malcolmii
      3. Plants not densely woolly on the s
         stem at least:
         4. Leaves spinous toothed; corolla
            of both types of florets hairy:
            5. Heads in sessile, axillary
               clusters .. .. B. belangeriana
            5. Heads in pedunculate clusters:
               6. Plants erect; corolla tube
                  as well as lobes hairy. .. B. eriantha
               6. Plants prostrate; only
                  corolla lobes hairy .. .. B. oxyodonta

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4. Leaves not spinous toothed; corolla of female florets at least glabrous:
   7. Corolla purple to lilac .. .. B. solidaginoides
   7. Corolla yellow .. .. B. lacera
1. Leaves hairy, but not densely tomentose beneath:
   8. Heads many, panicled .. .. .. B. membranacea
   8. Heads few, sessile in spicate clusters .. .. B. sessiliflora

Blumea belangeriana DC. Prodr. 5:444.1836; Cooke, Fl. Pres. Bombay 2:22(78).1904; Randeria in Blumea 10:277. 1960.

Herbs, ca. 0.5 m tall. Leaves obovate, up to 11.5 x 5.5 cm obtuse, cuneate, spiny-serrate, darker and strigose above, densely velutinous beneath. Heads in axillary and terminal leafy clusters, yellow; involucral bracts lanceolate, hairy outside, usually purple tipped. Florets hairy on the lobes with unicellular hairs. Pappus white.

Distrib.: Coast and mid belt; along roadsides, in dry streambeds; occasional, common around Rajapur. 576, 592; SWA/R 1195.

Fls. & frts.: Dec. - April.

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B. **striatiba** DC. in Wight, Contrib. Bot. Ind. 15. 1834; Cooke, Fl. Pres. Bombay 2:22(78).1904; Randeria in Blumea 10:279.1960.

Herb, erect, ca. 0.4 m tall. Leaves oblanceolate to obovate-oblong, obtuse, cuneate, the upper leaves sessile, spiny-serrate, densely silky-pilose on both sideswhen young, scabrous above with age. Heads solitary or in clusters on glandular peduncles, yellow; involucral bracts 0.5 cm long, completely reflexed in fruit. Corolla 2.5 x 3.0 mm long, hairy outside. Pappus white, 3.0 mm long.

Distrib.: Mid belt to crest of Ghats; in dry places, near Nageshwar temple(C.); occasional, locally abundant. 868; BSA/R 1031; Acland 566.

Fls. & frts.: Jan. - Feb.

B. **hieracifolia** (D.Don) DC. in Wight, Contrib.15. 1834; Randeria in Blumea 10:246.1960. **Erigeron hieracifolium** D.Don. Prodr. Fl. Nep. 272.1825. B. **mexicana** Hook. f. Fl. Brit. India 3:262.1882.

Herb, ca. 0.5 m tall; stem woolly on young parts. Leaves obovate-elliptic, acute, spinuous-serrate, cuneate, pale, densely silky on both sides. Heads in terminal and axillary clusters; involucral bracts linear, woolly and glandular. Corolla of bisexual flowers 6.0 mm long, only the lobes hairy. Achenes 1.0 mm long, densely hairy; pappus 5.0 mm long.

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Distrib.: Ghats; found once half-way up to Nageshwar temple from Choravne(C.) in Carvia callosa scrub; rare. 865; Nayar 153020(BSI).

Fls.: Jan. - Feb. Frts.: Feb.

B. lacera (Burm.f.) DC. in Wight, Contrib. 14.1843; Cooke, Fl. Pres. Bombay 2:20(76).1904; Randeria in Blumea 10: 264.1960. Conyza lacera Burm.f. Fl. Ind. 180,t.59,f.1.1768.

Herb, erect; stem with silky spreading hairs. Leaves broadly obovate, somewhat membranous, rounded or obtuse, subentire, cuneate, sparsely hairy above, velutinous beneath. Heads in pedunculate clusters. Corolla of both female and bisexual florets glabrous on the tube. Achenes angled, sparsely hairy.

Distrib.: Coast; found once on the rocks below the sea-cliffs at Musa-kazi port; not common but locally frequent. 681A.

Fls. & Frts.: Dec.

Illus.: Burm.f. l.c.

B. malcolmii (C.B.Clarke) Hook.f. Fl. Brit. India 3:266.1882; Cooke, Fl. Pres. Bombay 2:23(78).1904; Randeria in Blumea 10:278.1960. Pluchea malcolmii C.B.Clarke, Comp. Ind. 95.1876.

Herb, erect, ca. 0.5 m tall; young stem woolly. Leaves elliptic-obovate, up to 11.5 x 5.5 cm, obtuse, cuneate, spiny-serrate, woolly on both sides, scabrid

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above with age. Heads terminal and in upper axils, clustered yellow; involucral bracts woolly outside, reflexed at maturity. Corolla 0.5-0.6 cm long; tube glabrous or pubescent; lobes hairy. Pappus white, 0.5 cm long.

Distrib.: Ghats; in dry stream beds, half-way up Nageshwar temple from Choravne (C.); occasional. 865, 1705; Kochhar 158206 (BSI).

Fls.: Nov. - Dec. Frts.: Feb.

B. membranacea DC. Prodr. 5:440.1836; Cooke, Fl. Pres. Bombay 2:21(77).1904; Randeria in Blumea 10:269.1960.

Herbs, up to 1.5 m tall; stem grooved, hairy. Leaves short petioled, upper sessile, ovate-lanceolate, sometimes lyrately lobed, dentate, cuneate, pubescent, glabrous with age. Heads on pubescent peduncles in lax panicles, yellow, up to 1.0 cm; receptacle alveolate, glabrous. Achenes ribbed, hairy.

Distrib.: Mid belt to base of Ghats; in moist, shady places; common. 872, 903; SMA/R 1174.

Fls. & Frts.: Feb. - April.

B. oxyodonta DC. in Wight, Contrib. Bot. Ind. 15: 1834; Cooke, Fl. Pres. Bombay 2:21(77).1904; Randeria in Blumea 10:280.1960.

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Herb, prostrate or semi-erect. Leaves crowded at base, obovate, up to 9.0 x 4.5 cm, rounded or obtuse, cuneate, silky-pilose on both sides when young; scabrous with age, spiny-serrate. Heads clustered, terminal and axillary, yellow; involucral bracts linear. Corolla 0.3-0.5 cm long. Pappus white.

Distrib.: Throughout; in dry, open places, on laterite flats, along roadsides; common. 604, 1719; SMA/R 1037; Kanitkar s.n. Jangal near Ratnagiri (BSI).

Fls.&frts.: Nov. - Feb. (-April).

β. sessiliflora Decais. in Nouv. Ann. Mus. Par. 3: 140.1834; Randeria in Blumea 10:257.1960; S.Almeida in Jain & R.Rao Threat. Pl. Ind. India 185.1983.

Herb, 1.3 m tall; stem glabrate at base, tomentose above. Leaves sessile or obscurely petioled, oblanceolate, lyrate, pubescent on both sides. Heads in interrupted spiciform panicles. Involucral bracts herbaceous, recurved at maturity. Corolla tube glabrous.

Distrib.: Mid belt; found once in Dhopeshwar(Rj.) village; rare. 624A.

Fls. : Dec.

B. solidaginoides (Poir.) DC. Prodr. 5:443.1836; Cufodontis in Bull. Jard. Bot. Brux. Suppl. 36(3):1093.1966. Gnaphalium solidaginoides Poir, Encycl. suppl. 2:825.1811.

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B. mollis (D.Don) Merrill. in Philip. Journ. Sci. (Bot.) 5:395:1901; Randeria in Blumea 10:261.1960. B. wightiana DC. in Wight, Contrib. 14.1834; Cooke, Fl. Pres. Bombay 2:19(75).1904.

Herb, erect; stem tomentose above. Leaves obovate, subacute, dentate (sometimes almost spinuous), tomentose above, velutinous beneath; petiole obscure. Panicles dense, spiciform. Corolla purple whitish at base, glabrous. Achenes subangulate, hairy.

Distrib.: Mid belt; found once near Rajpur; rare. SMA/R 127.

Fls. & Frts.: April.

Conyza Less. (nom.cons.)

1. Leaves not fastigiate; heads white .. .. C. leucantha
1. Leaves fastigiate; heads yellow.. .. .. C. stricta

Conyza leucantha (D.Don) Ludlow & Raven in Kew Bull. 17:71.1963. Erigeron leucanthus D. Don Prodr. Fl. Nepal. 171.1825. Conyza viscidula Wall. ex DC. Prodr. 5:383.1836; Hook.f. Fl. Brit. India 3:258.1881.

Undershrub, ca. 2 m tall. Leaves elliptic, acute at both ends, serrate, glabrescent, lower leaves up to 17.0 x 7.0 cm. Heads in close corymbs at ends of braches, white with a purple tinge. Achenes glabrous.

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